

TACTICAL WATER PURIFICATION SYSTEM

DESCRIPTION

The Tactical Water Purification System (TWPS) is a skid-mounted, generator-powered system capable of producing potable water from any available raw water source at a rate of 1,200-1,500 gallons of water per hour in expeditionary environments. The TWPS will replace the aging 600-gallon per hour Reverse Osmosis Water Purification Units at a 1:2 ratio.

OPERATIONAL IMPACT

Water production in an expeditionary setting is particularly critical to Marine Corps operations. The TWPS will be used in the purification of salt water in over 75% of its operations. Our current fleet

of ROWPUs has far exceeded their eight-year service life, are too costly to maintain, and will not meet future operational needs. This capability provides the commander with options that will not tie down forces to specific locations or force them to rely on host nation support.

PROGRAM STATUS

The current authorized acquisition objective is 243 TWPS units. The program is currently funded for procurement during the FY 2002-FY 2007. The TWPS successfully completed production qualification testing, and contract award for low-rate initial production was awarded in March 2002.

PROCUREMENT PROFILE:	FY 04	FY 05
Quantity:	38	26
DEVELOPER/MANUFACTURER		
SFA Inc. Frederick Manufacturing Division, Frederick, MD		